

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	IS&R	L1	413	(310/318).CCLS.	USPAT	2005/11/23 09:35	
2	IS&R	L2	349	(310/319).CCLS.	USPAT	2005/11/23 10:08	
3	IS&R	L3	87	(310/319,339).CCLS.	US-PGPUB; EPO; JPO; DERWE NT; IBM_T DB	2005/11/23 10:09	
4	IS&R	L4	437	(310/339).CCLS.	USPAT	2005/11/23 10:14	
5	BRS	L5	0	transducer and rectifi\$6 and storage and "dc to dc"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2005/11/23 10:15	
6	BRS	L7	1270	transducer and rectifi\$6 and storage and converter and (energy adj2 harvest\$3 or generator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2005/11/23 10:18	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
7	BRS	L8	86	transducer and rectifi\$6 and storage and dc adj1 dc adj1 converter and (energy adj2 harvest\$3 or generator)	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2005/11/2 3 10:26	
8	BRS	L9	986	transducer and rectifi\$6 and storage and (transformer or "voltage converter") and (energy adj2 harvest\$3 or generator)	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2005/11/2 3 10:26	

Searching PCT (Full Text)...

[Search Summary]

Results of searching in PCT (Full Text) for:

transducer and (rectifier or rectified or rectification) and storage and ("dc to dc" or "voltage converter" or transformer) and ("energy harvester" or "energy harvesting" or generator): 88 records

Showing records 1 to 25 of 88 :

Next 25 records	Start At	
Refine Search	transducer and (rectifier or rectified or rectification) and	

Title

1. (WO 2005/094273) WATER HEATER AND METHOD OF CONTROLLING THE SAME
2. (WO 2005/089293) METHODS AND SYSTEMS FOR PROVIDING LIGHTING SYSTEMS
3. (WO 2005/043159) WATER-SOLUBLE COMPOUND
4. (WO 2005/031282) VOLUMETRIC PHYSIOLOGICAL MEASURING SYSTEM AND METHOD
5. (WO 2005/024177) DOWNHOLE POWER GENERATION AND COMMUNICATIONS APPARATUS AND METHOD
6. (WO 2005/022606) THERMOACOUSTIC PIEZOELECTRIC **GENERATOR**
7. (WO 2005/012997) PHOTOGRAPHY METHODS AND SYSTEMS
8. (WO 2005/008805) APPARATUS AND METHOD FOR GENERATING ELECTRICAL ENERGY FROM MOTION
9. (WO 2005/008804) APPARATUS AND METHOD FOR PROVIDING ELECTRICAL ENERGY GENERATED FROM MOTION TO AN ELECTRICALLY POWERED DEVICE
10. (WO 2005/003543) FREE PISTON STIRLING ENGINE CONTROL
11. (WO 2004/107964) METHOD AND APPARATUS FOR BODY FLUID SAMPLING AND ANALYTE SENSING
12. (WO 2004/105582) ELECTROMAGNETIC-ACOUSTIC IMAGING
13. (WO 2004/100624) LIGHTING METHODS AND SYSTEMS
14. (WO 2004/098700) METHOD AND APPARATUS FOR ELECTROMAGNETIC STIMULATION OF NERVE, MUSCLE, AND BODY TISSUES
15. (WO 2004/074101) SATELLITE ELECTRIC CHARGE BUILDUP MONITOR
16. (WO 2004/063968) AUTOMATICALLY-ACTIVATED WIRELESS LASER SCANNING BAR CODE SYMBOL READING SYSTEM
17. (WO 2004/045088) SYSTEM AND METHOD FOR HETERODYNING AN ULTRASONIC SIGNAL
18. (WO 2004/038900) POWER CONVERTER METHOD AND APPARATUS HAVING HIGH INPUT POWER FACTOR AND LOW HARMONIC DISTORTION
19. (WO 2004/032788) MICRO-**GENERATOR** IMPLANT
20. (WO 2003/030341) INDUCTION **GENERATOR** POWER SUPPLY
[Repub: 04.03.2004]
21. (WO 2004/006164) VARIABLE FREQUENCY TAG

RESULT LIST

1 result found in the Worldwide database for:

(energy and harvester) or generator in the title AND **(piezoelectric or transducer) and storage and conversion**
title or abstract

(Results are sorted by date of upload in database)

1 PIEZOELECTRIC HYDRAULIC POWER GENERATOR

Inventor: KATO KENICHI; SAKURAI SHINJI; (+2)

Applicant: TOTO LTD

EC:

IPC: H02N2/00; F03B13/10; (+1)

Publication info: **JP2001275370** - 2001-10-05

Data supplied from the *esp@cenet* database - Worldwide



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Search Results 11/23/2005 - 11:04:23

Query :
((piezoelectric <and> energy <near> e

Query: ((piezoelectric <and> energy <near> electrical)) <AND> (((energy <and> harvesting) <or> generator) <in> title) <AND> (((capacitor <or> storage) <and> transducer) <in> claims)

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Last Modified: 2002-12-31



[Important Notices](#)

RESULT LIST

5 results found in the Worldwide database for:

energy and harvesting in the title AND **piezoelectric or transducer** in the title or abstract
(Results are sorted by date of upload in database)

1 Energy harvesting using a thermoelectric material

Inventor: NERSESSIAN NERSESSE (US); CARMAN GREGORY P (US); (+1) Applicant: UNIV CALIFORNIA

EC: IPC: H01L35/12; H01L35/30

Publication info: **US2005205125** - 2005-09-22

2 Piezoelectric vibration energy harvesting device

Inventor: DENG KEN K (US); ANDIC KIKMET (US) Applicant:

EC: H01L41/113 IPC: H01L41/113

Publication info: **US2005134149** - 2005-06-23

3 Piezoelectric vibration energy harvesting device and method

Inventor: DENG KEN KAN (US) Applicant:

EC: H01L41/113 IPC: H01L41/08

Publication info: **US2005057123** - 2005-03-17

4 HIGH EFFICIENCY PASSIVE PIEZO ENERGY HARVESTING APPARATUS

Inventor: CLINGMAN DAN J Applicant: BOEING CO (US)

EC: H01L41/113 IPC: H01L

Publication info: **WO2004064117** - 2004-07-29

5 Energy harvesting eel

Inventor: CARROLL CHARLES B (US) Applicant: OCEAN POWER TECHNOLOGIES INC (US)

EC: H01L41/113 IPC: H01L41/04

Publication info: **US6424079** - 2002-07-23

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RESULT LIST

18 results found in the Worldwide database for:

(energy and harvester) or generator in the title AND **(piezoelectric or transducer) and rectifier** in the title or abs
(Results are sorted by date of upload in database)

1 PIEZOELECTRIC GENERATOR

Inventor: KOVALENKO MYKOLA PAVLOVYCH (UA)

Applicant: KOVALENKO MYKOLA PAVLOVYCH (UA)

EC:

IPC: H02N2/18; H01L41/113

Publication info: **UA7127U** - 2005-06-15

2 Piezoelectric negative ion generator special for IC control

Inventor: CHEN YAOQIANG (CN); YANG ZHE (CN);
(+1)

Applicant: KANGHONG INFORMATION TECHNOLOG
(CN)

EC:

IPC: H01T19/00; H01T23/00

Publication info: **CN1588719** - 2005-03-02

3 CONTROL PROCESS AND DEVICE FOR ROTARY RECTIFIER OF SYNCHRONOUS GENERATOR EXCITOR

Inventor: EMANOIL DOINA LUCIA (RO); DUMITRACHE
IOAN (RO); (+4)

Applicant: SOCIETATEA COM A PENTRU CERCET (RO)

EC:

IPC: H02K11/00; H02H7/00; (+1)

Publication info: **RO119802** - 2005-03-30

4 Device for exciting and stabilizing the voltage of the windmill-operated induction generator

Inventor: BERZAN VLADIMIR (MD); BIHRLEHDYANU
ALEXANDRU (MD); (+4)

Applicant: INST DE ENERGETIKEH AL AKADEMI (MD)

EC:

IPC: H02P9/46; F03D7/00

Publication info: **MD20030234** - 2005-03-31

5 Electric power generator for e.g. electronic surveillance circuit, has switch that is controlled to extract electrical energy of piezoelectric insert and to transfer energy to four terminal electromagnetic storage network

Inventor: LEFEUVRE ELIE; BADEL ADRIEN; (+2)

Applicant: INSA DE LYON (FR)

EC: H01L41/113

IPC: H02N2/18; H02N2/06

Publication info: **FR2854006** - 2004-10-22

6 PIEZOELECTRIC GENERATOR AND PIEZOELECTRIC LIGHT EMITTING DEVICE USING IT

Inventor: TADANO RYUICHI

Applicant: TOKIN CERAMICS CORP

EC:

IPC: H02N2/00

Publication info: **JP2001339963** - 2001-12-07

7 WARNING TONE GENERATOR

Inventor: MATSUDAIRA SHINJI

Applicant: SANYO ELECTRIC CO

EC:

IPC: G08B23/00; G08B13/24; (+3)

Publication info: **JP9016873** - 1997-01-17

8 MIST GENERATOR

Inventor: ENDO AKIO

Applicant: KIYAN KK U

EC: B05B17/06B

IPC: B05B17/06; B06B1/02; (+1)

Publication info: **JP8057379** - 1996-03-05

9 Conductimetric humidity measurement, e.g. for cotton, photographic film, wood, paper, etc - using manually or mechanically operated piezoelectric charge generator and measuring current capacitor

Inventor: LOEBEL WILFRIED (DE); MARTIN RAINER
(DE); (+3)

Applicant: CHEMNITZ TEXTILTECH FORSCH (DE)

EC: G01N27/04E

IPC: G01N27/04